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(54) RE-ENCODER PROVIDED WITH SUPERIMPOSE FUNCTION AND ITS METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a re-encoder that applies superimpose processing to MPEG 2 video data by using a frame frequency different from that of an MPEG 2 stream so as to suppress image quality deterioration between decoding and encoding in the case of applying re-encoding to the MPEG 2 video data.

SOLUTION: A video decoder 4 is provided with a function of outputting repeat field information 108 to a superimpose 5 and of outputting an MPEG 2 encoding parameter 105 to a video encoder 6. The superimpose 5 applies superimpose processing to video data 106 decoded in matching with a characteristic of an image to be superimposed and outputs superimpose field information 110 and superimpose area information 111 to the video encoder 6. The video encoder 6 re-encodes an output of the superimpose 5 while adaptively utilizing the MPEG 2 encoding parameter 105, the superimpose field information 110 and the superimpose area information 111.

